
Suzhou CM Technology Co.,Ltd.

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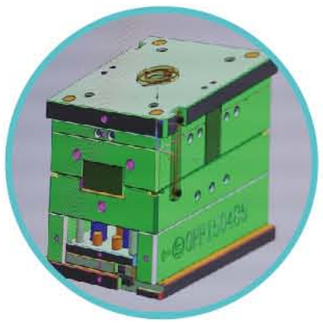
CMM

Robot Automatic Detection
Intelligent Detection

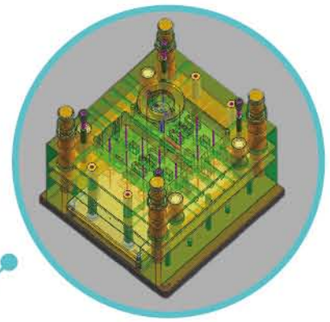


MA

3D Assembly
Drawing

# Cloud Database

3D Mold Design



CAD

CAPP

BOM Automatic Export
APS Intelligent Planning

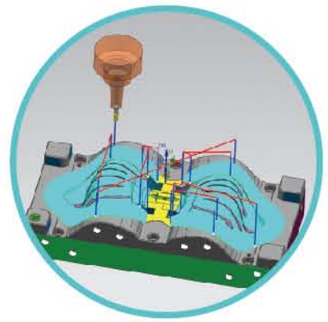
RFID Standardized
Operation

Machining

Preset Outside
Machine

Clamping

Cloud Computing Of
Programmed Data



CAM

- Digitalization
- Standardization
- Informationization
- Internet of Things
- Big Data Database
- Intelligent Management

## Company Profile

Suzhou CM Technology Co., Ltd is an industry leader in the field of the mold factory which has achieved standardization, informationization, intelligence and automation. The company is located in the heart of the Golden Triangle at the junction of Jiangsu, Zhejiang and Shanghai, which makes it highly connected and easily accessible.

The company introduced a forward-looking development of RFID-based networking technology, big data, could computing, intelligent robots and other technology integration and automation.

The enterprise currently has owned over 170 sets of imported precise tooling, molding and testing equipment, more than 40 domestic and foreign elite mold engineers and a group of excellent technical workers. Nowadays the business scope of product development mainly includes general lighting, consumer electronics, automotive, packaging and medical supplies.

The advanced system, first-class quality, the swiftest delivery, the most competitive cost, all those advantages made it possible to provide our customers with product of the best quality.

In the future, we will continuously improve the intelligent and automatic system to completely realize the Industry 4.0. Suzhou CM Technology Co., Ltd. is looking forward to cooperating with you.

| | |
|---|---|
| **Value** | Integrity , Responsibility , Innovation , Sharing |
| **Mission** | Build a digital mold & molding world |
| **Vision** | Become an industry leader, create value for world-class enterprises with advanced technology |

## Tooling Workshop

## Material Application R&D Laboratory

Material Application R&D Laboratory, with an area of about 500 square meters and total investment of more than 20 million RMB. The laboratory is guided by intelligent manufacturing, and focuses on providing the service of precision molds and injection molding business. The Lab main research contents include material characterization, material application research and development.

The laboratory has introduced a number of international and domestic leading experimental devices. At present, it has nearly 30 sets of devices. The material characterization projects cover the rheological properties, thermal properties, mechanical properties, environmental properties, physical and chemical properties, etc. of the mold injection molding products. The completeness and advancement of the material characterization is leader of the industry.

Material Characterization--It can quickly provide CAE simulation data of materials, combined with moldex 3D software mold flow analysis and precision mold processing, and strive to achieve the goal of T0 mass production.

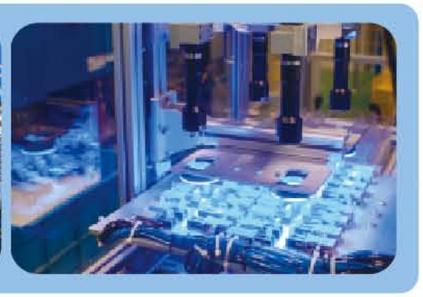

# Injection Molding Workshop

## Injection Molding Workshop

**Multiple Sumitomo high precision injection molding machines with robot arm pick up device; cleaning room; scientific water management**

Sumitomo high precision injection molding machines equipped with mechanical arm

CCD Online Inspection

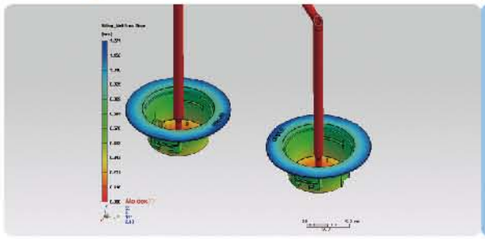
## 3D Mold Design

**Standard parts library; standard of color tolerance management; BOM automatic export system**

Time of design reduced to 6 hours; the error rate of BOM information reduced

## Scientific & Truly Simulation Approach

**Intelligent CAE: one-click mold flow analysis based on cloud database**



CAD-CAE Integration : merge Moldex3D into NX ; perform CAE analysis directly in the full 3D environment ; real-time adjustment of the design plan

## Robot Automatic System

**An electrode automatic detection unit and a automatic proccessing unit**

Low labor cost
Low machining error
The assurance of the quality of work pieces

## Closed Cooling Circulation Water System

**Using ONI automatic sterilization, automatic filtration, pure water replenishment system**

Water system non-clogging, constant temperature ± 1 ℃
Ensure consistency between cooling and production